

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040524\
 Data File : BN030666.D
 Acq On : 04 Apr 2024 18:17
 Operator : MA/JU
 Sample : P1964-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-47-040224

Quant Time: Apr 04 18:46:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 00:04:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

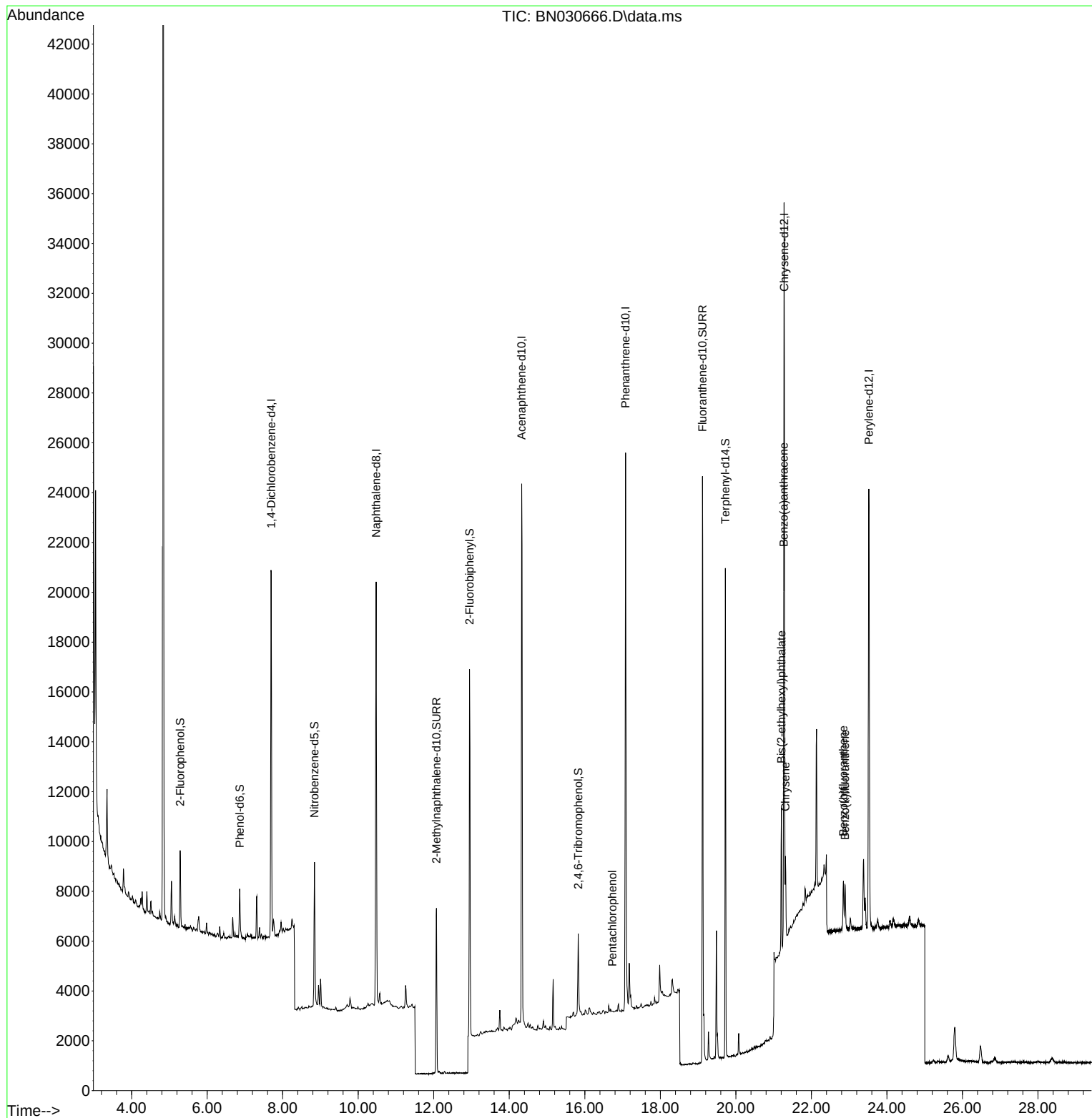
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.697	152	7489	0.400	ng	0.00
7) Naphthalene-d8	10.475	136	22046	0.400	ng	-0.01
13) Acenaphthene-d10	14.327	164	13509	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	30840	0.400	ng	#-0.01
29) Chrysene-d12	21.276	240	26643	0.400	ng	# 0.00
35) Perylene-d12	23.521	264	23766	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2462	0.151	ng	-0.01
5) Phenol-d6	6.866	99	1870	0.089	ng	0.00
8) Nitrobenzene-d5	8.841	82	4469	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.070	152	8917	0.264	ng	-0.01
14) 2,4,6-Tribromophenol	15.824	330	1877	0.368	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	11819	0.226	ng	-0.02
27) Fluoranthene-d10	19.117	212	25383	0.305	ng	0.00
31) Terphenyl-d14	19.721	244	18529	0.301	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.730	266	30	0.175	ng	# 47
32) Benzo(a)anthracene	21.267	228	2538	0.027	ng	# 90
33) Chrysene	21.312	228	2579	0.025	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.205	149	5571	0.136	ng	# 98
37) Benzo(b)fluoranthene	22.846	252	2312	0.024	ng	# 12
38) Benzo(k)fluoranthene	22.890	252	2298	0.024	ng	# 13

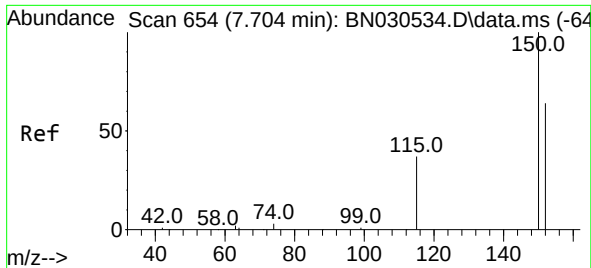
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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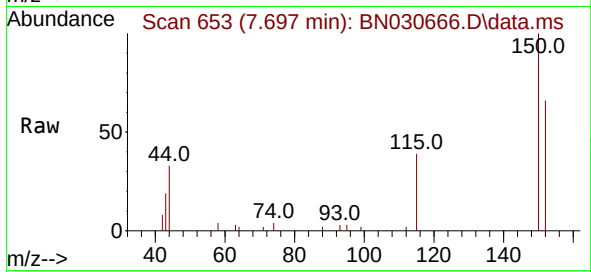
Quant Time: Apr 04 18:46:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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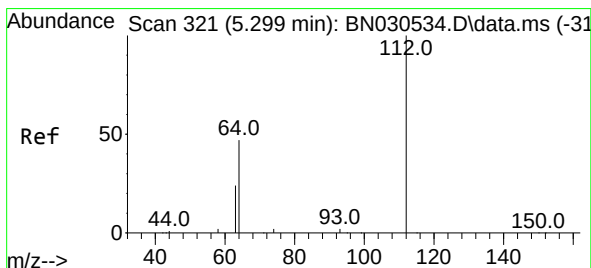
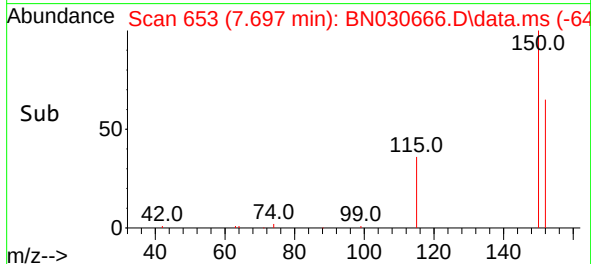
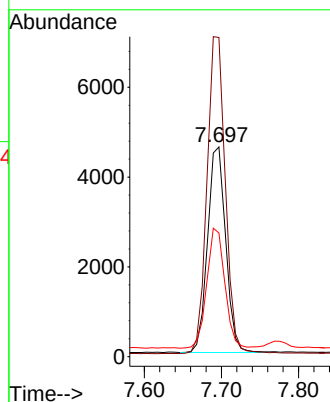
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.697 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030666.D
 Acq: 04 Apr 2024 18:17

Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-47-040224



Tgt Ion:152 Resp: 7489

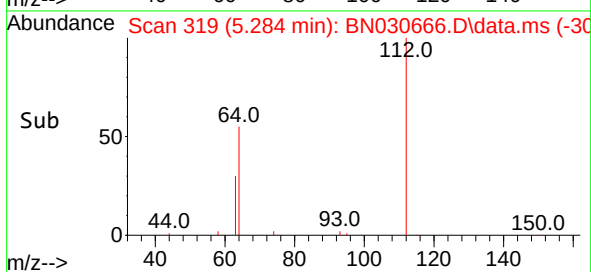
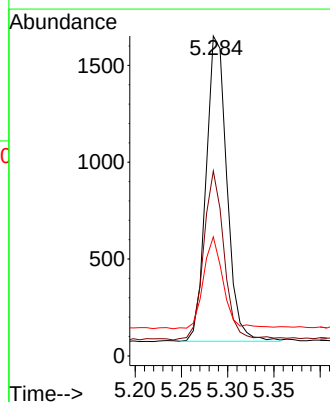
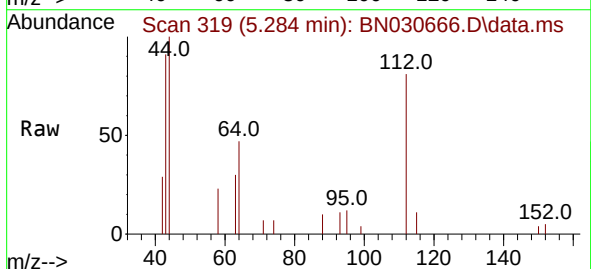
Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.2	186.4
115	58.9	48.6	72.8

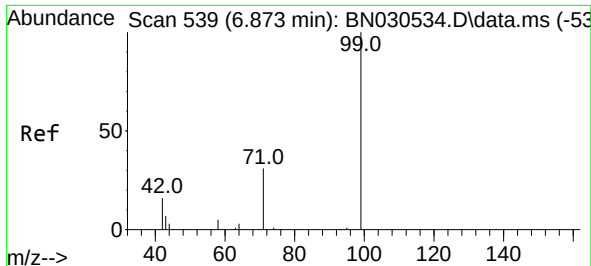


#4
 2-Fluorophenol
 Concen: 0.151 ng
 RT: 5.284 min Scan# 319
 Delta R.T. -0.014 min
 Lab File: BN030666.D
 Acq: 04 Apr 2024 18:17

Tgt Ion:112 Resp: 2462

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.2	64.8
63	28.8	22.5	33.7

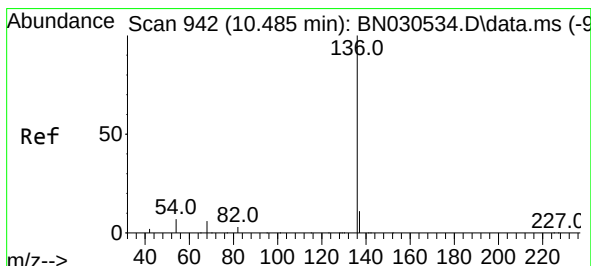
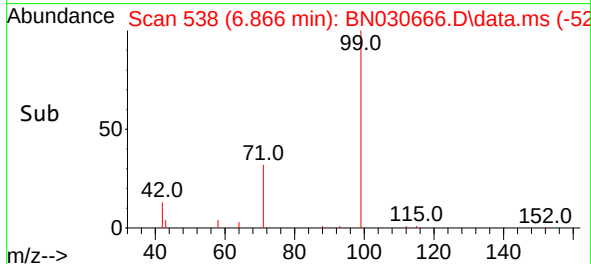
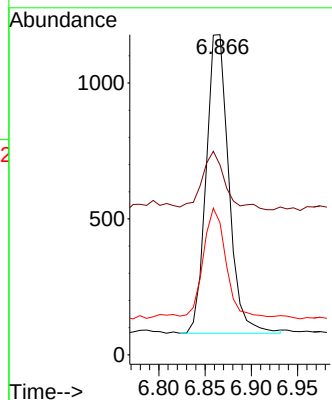
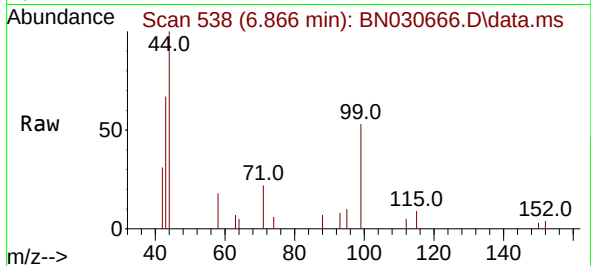




#5
Phenol-d6
Concen: 0.089 ng
RT: 6.866 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

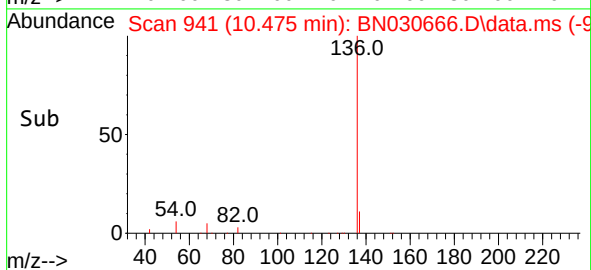
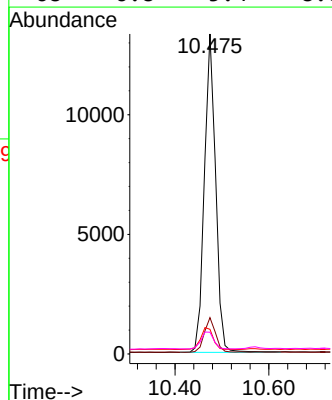
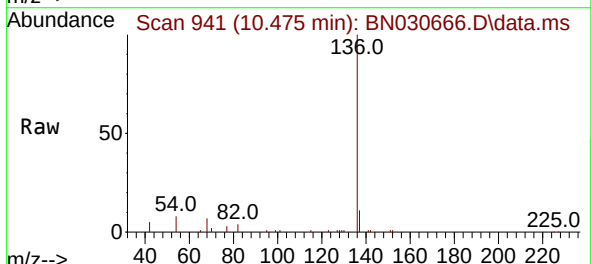
Instrument :
BNA_N
ClientSampleId :
RSB-02-47-040224

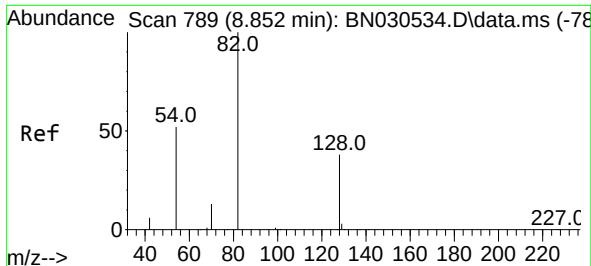
Tgt Ion: 99 Resp: 1870
Ion Ratio Lower Upper
99 100
42 19.8 15.8 23.6
71 36.0 25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.475 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

Tgt Ion: 136 Resp: 22046
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.7 6.4 9.6
68 6.8 5.4 8.0

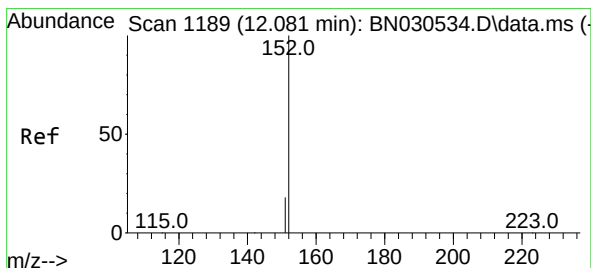
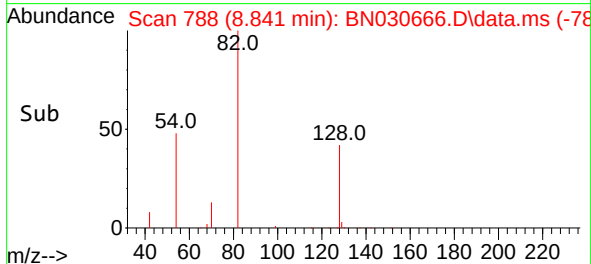
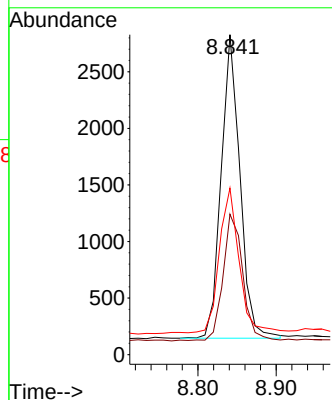
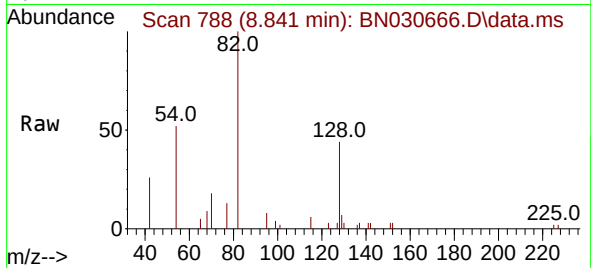




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

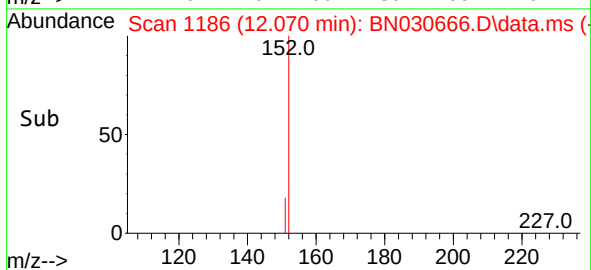
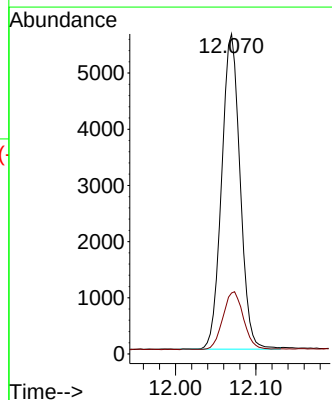
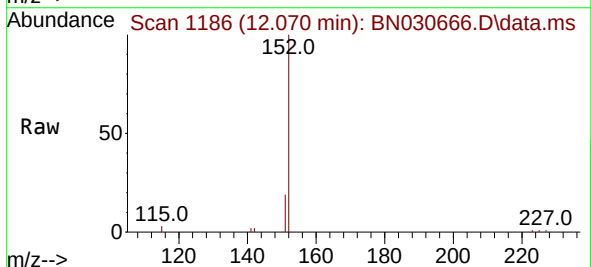
Instrument :
BNA_N
ClientSampleId :
RSB-02-47-040224

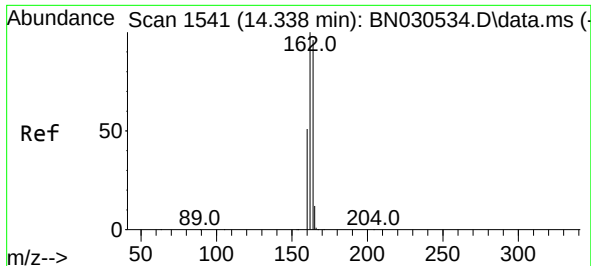
Tgt Ion: 82 Resp: 4469
Ion Ratio Lower Upper
82 100
128 43.9 32.3 48.5
54 52.1 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.070 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

Tgt Ion: 152 Resp: 8917
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

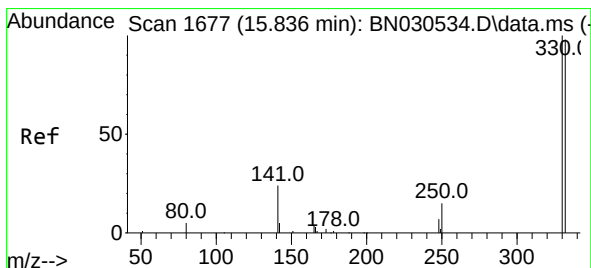
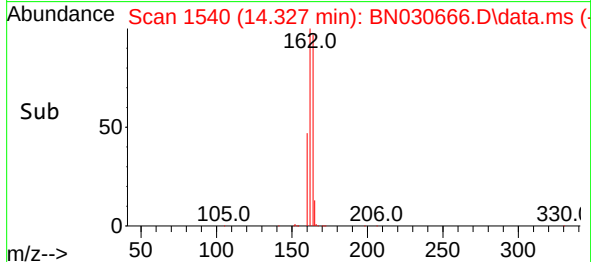
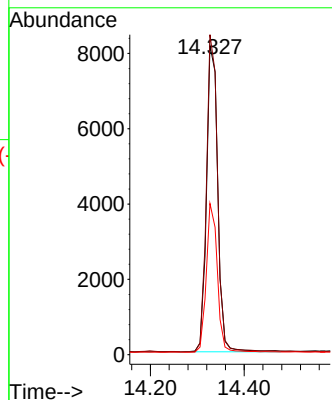
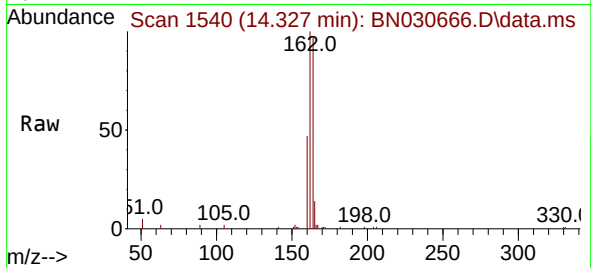




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

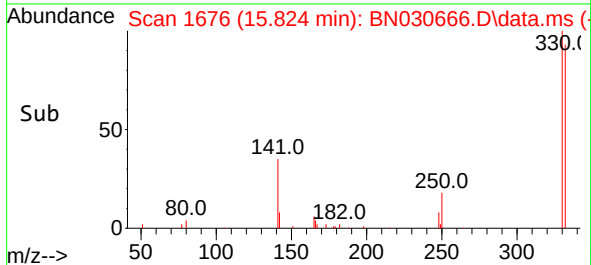
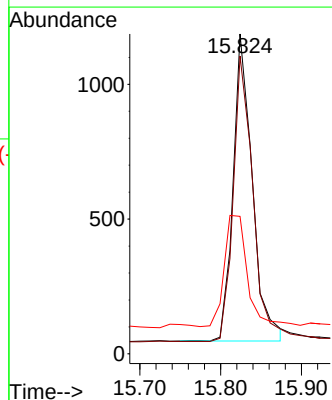
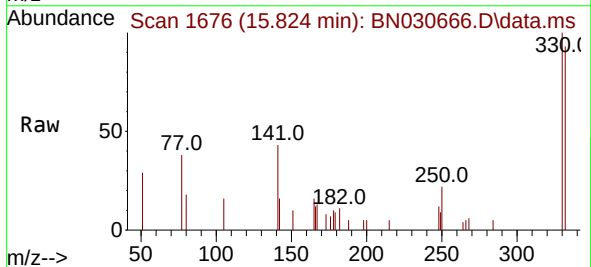
Instrument :
BNA_N
ClientSampleId :
RSB-02-47-040224

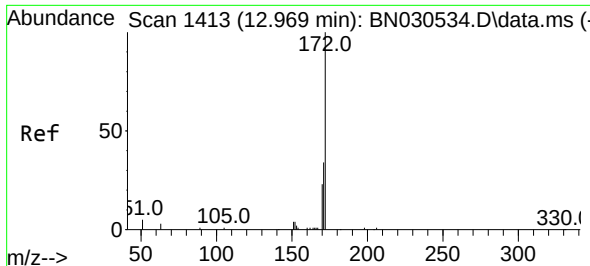
Tgt Ion:164 Resp: 13509
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 48.9 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

Tgt Ion:330 Resp: 1877
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 43.3 35.9 53.9

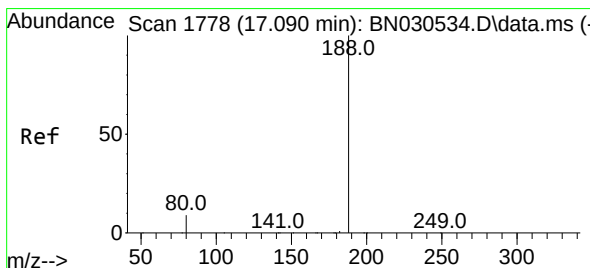
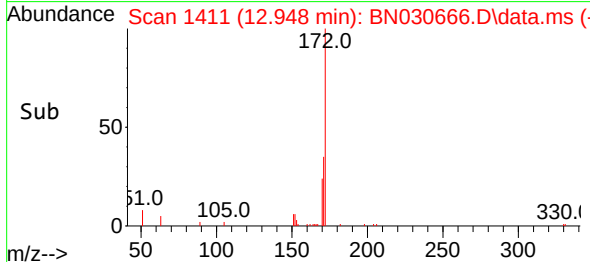
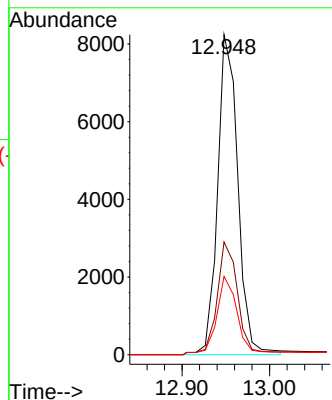
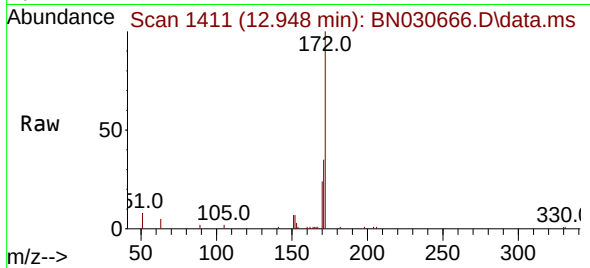




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 12.948 min Scan# 1411
Delta R.T. -0.021 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

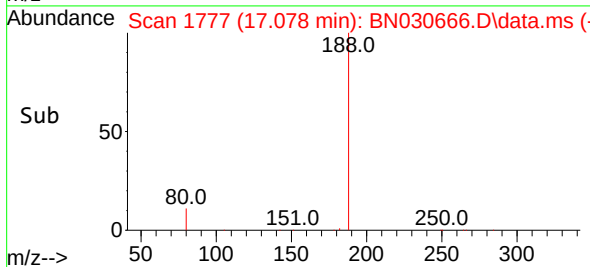
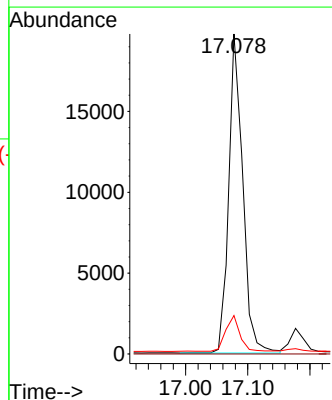
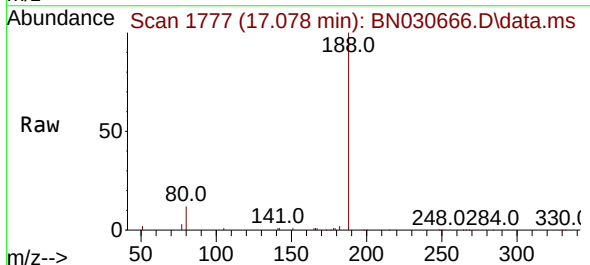
Instrument :
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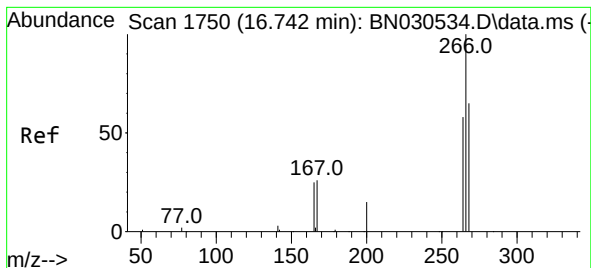
Tgt Ion:	172	Resp:	11819
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.1	40.7
170	24.4	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1777
Delta R.T. -0.012 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

Tgt Ion:	188	Resp:	30840
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.0	7.4	11.0





#24

Pentachlorophenol

Concen: 0.175 ng

RT: 16.730 min Scan# 1749

Delta R.T. -0.012 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

Instrument :

BNA_N

ClientSampleId :

RSB-02-47-040224

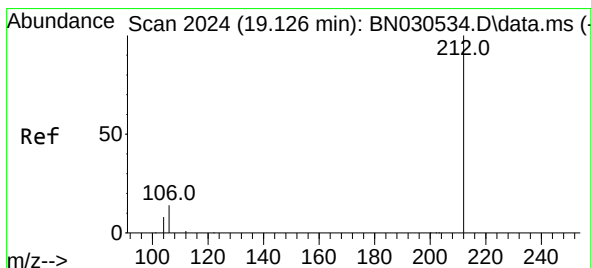
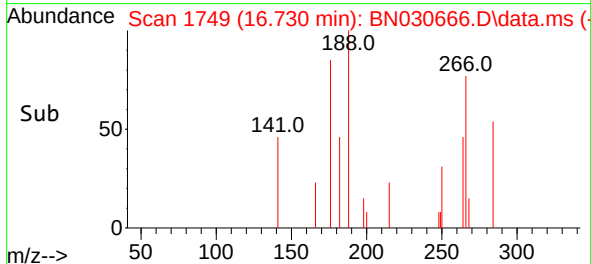
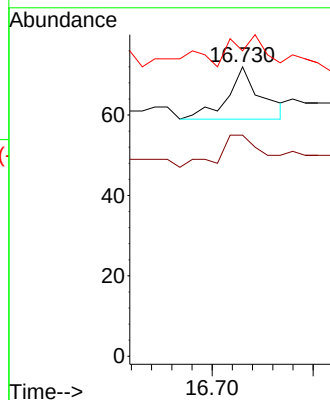
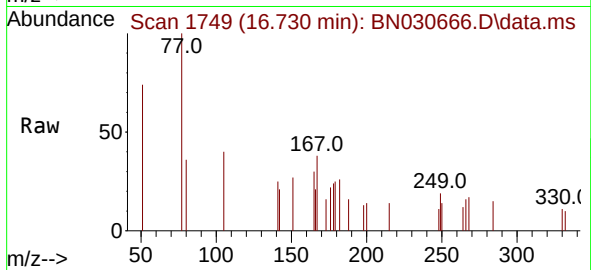
Tgt Ion:266 Resp: 30

Ion Ratio Lower Upper

266 100

264 80.0 48.7 73.1#

268 0.0 49.5 74.3#



#27

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.117 min Scan# 2022

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

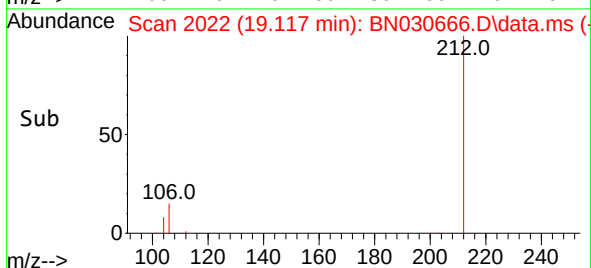
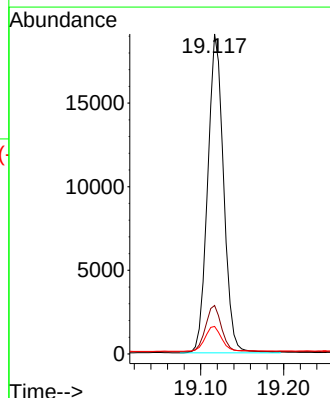
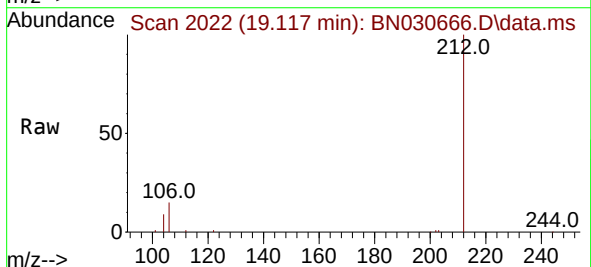
Tgt Ion:212 Resp: 25383

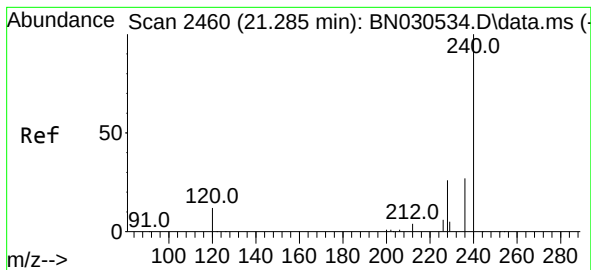
Ion Ratio Lower Upper

212 100

106 14.9 11.8 17.6

104 8.3 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.276 min Scan# 2460

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

Instrument :

BNA_N

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RSB-02-47-040224

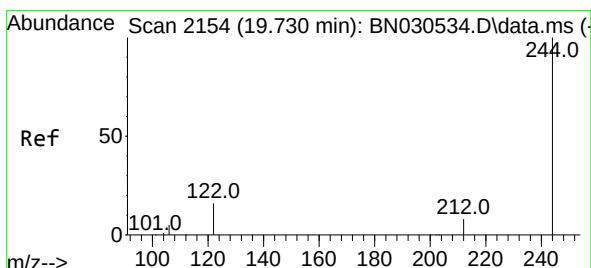
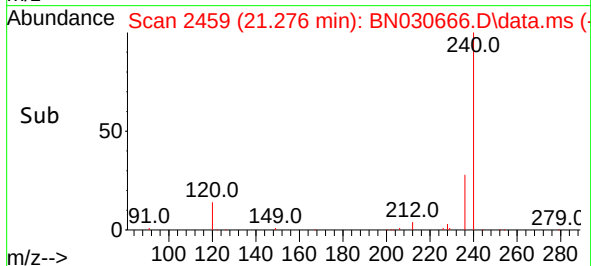
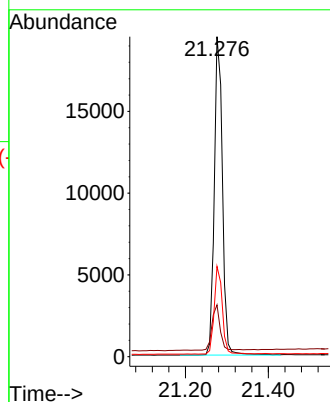
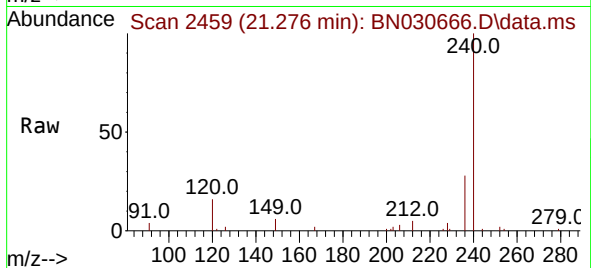
Tgt Ion:240 Resp: 26643

Ion Ratio Lower Upper

240 100

120 16.2 10.6 15.8#

236 28.2 22.1 33.1



#31

Terphenyl-d14

Concen: 0.301 ng

RT: 19.721 min Scan# 2152

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

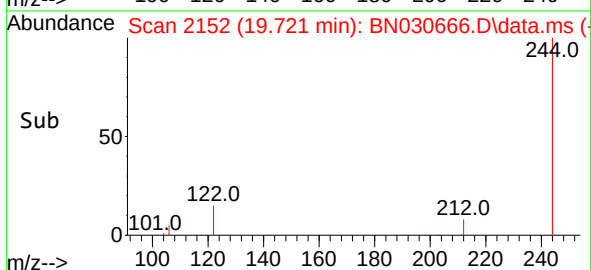
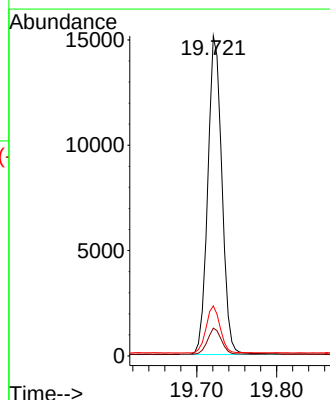
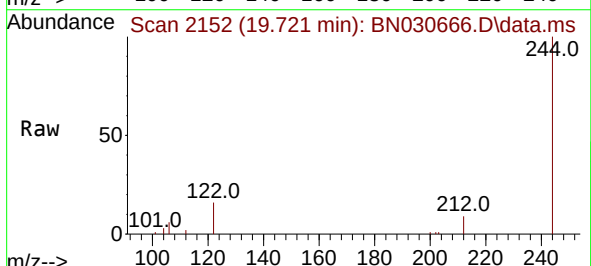
Tgt Ion:244 Resp: 18529

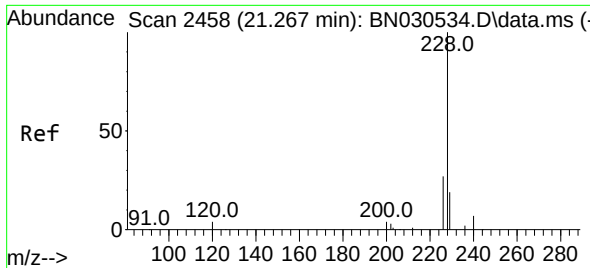
Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

122 15.6 12.7 19.1

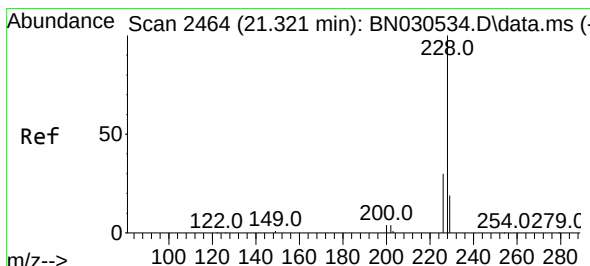
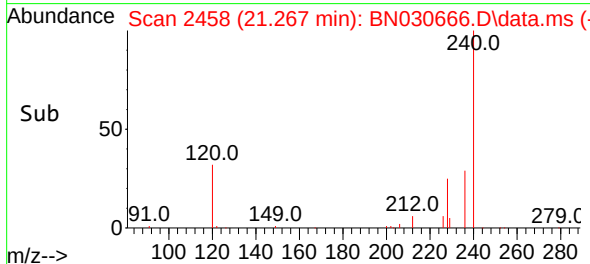
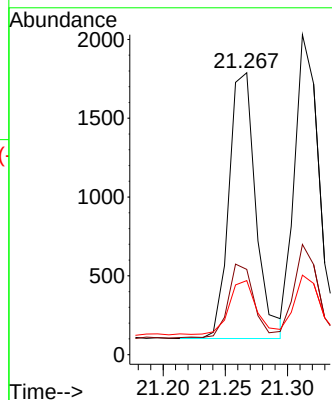
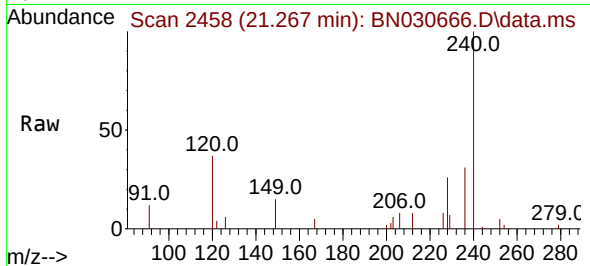




#32
Benzo(a)anthracene
Concen: 0.027 ng
RT: 21.267 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

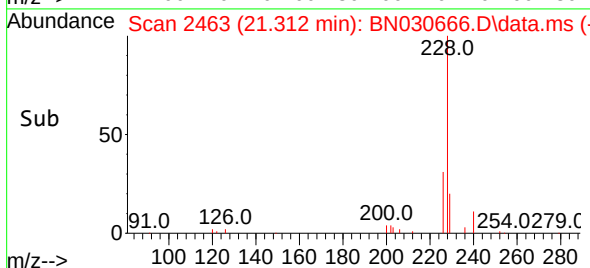
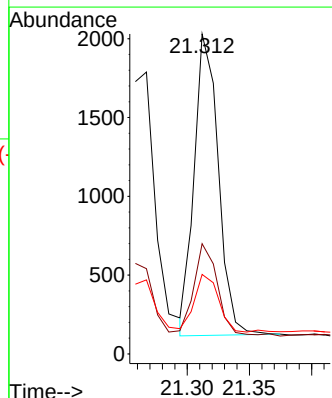
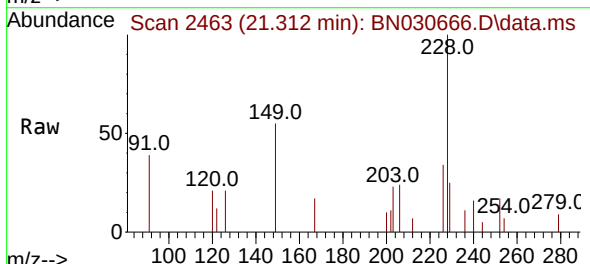
Instrument :
BNA_N
ClientSampleId :
RSB-02-47-040224

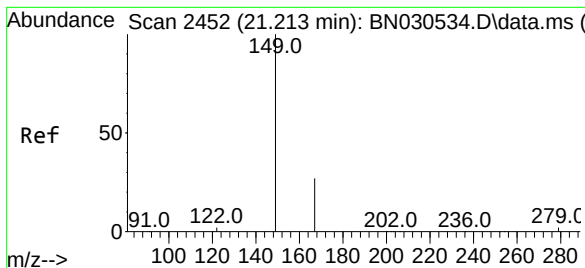
Tgt Ion:	228	Resp:	2538
Ion Ratio	Lower	Upper	
228	100		
226	30.3	21.8	32.8
229	26.3	15.4	23.2#



#33
Chrysene
Concen: 0.025 ng
RT: 21.312 min Scan# 2463
Delta R.T. -0.009 min
Lab File: BN030666.D
Acq: 04 Apr 2024 18:17

Tgt Ion:	228	Resp:	2579
Ion Ratio	Lower	Upper	
228	100		
226	34.4	24.3	36.5
229	24.8	15.8	23.6#

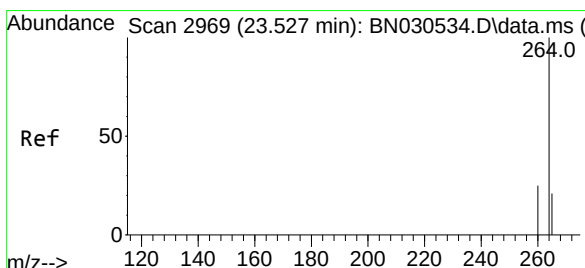
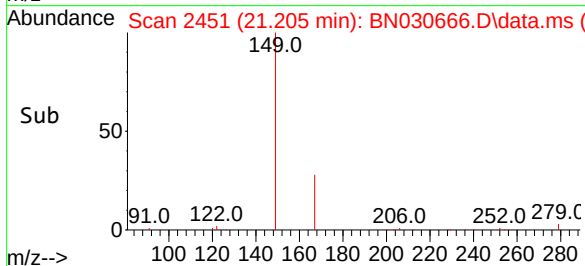
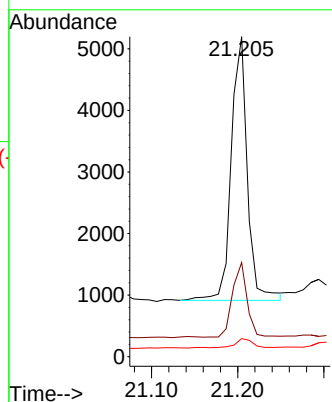
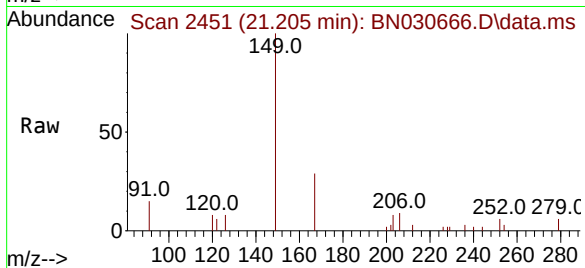




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.205 min Scan# 2451
 Delta R.T. -0.009 min
 Lab File: BN030666.D
 Acq: 04 Apr 2024 18:17

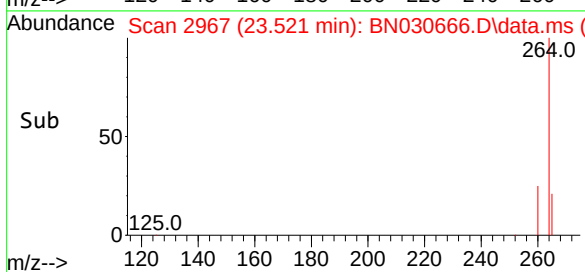
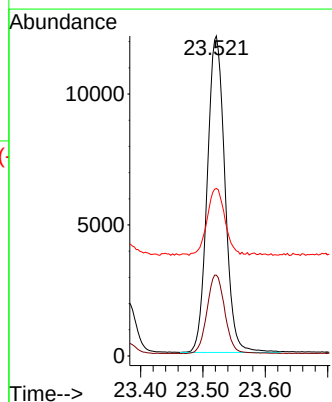
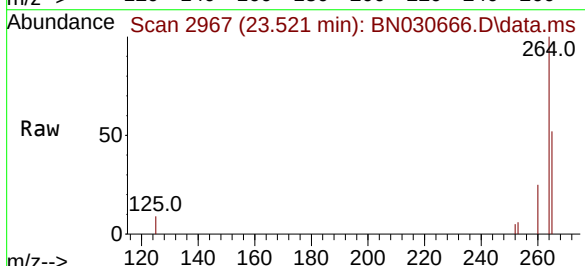
Instrument :
 BNA_N
 ClientSampleId :
 RSB-02-47-040224

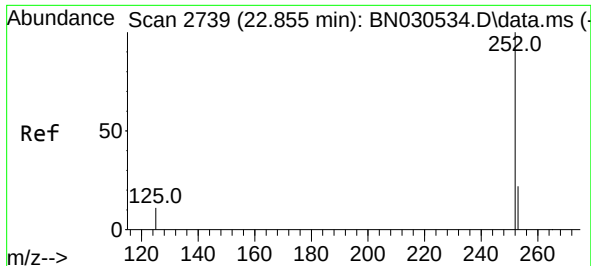
Tgt Ion:149 Resp: 5571
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.0
 279 4.1 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.521 min Scan# 2967
 Delta R.T. -0.006 min
 Lab File: BN030666.D
 Acq: 04 Apr 2024 18:17

Tgt Ion:264 Resp: 23766
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.6 30.8
 265 52.4 41.8 62.8





#37

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 22.846 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030666.D

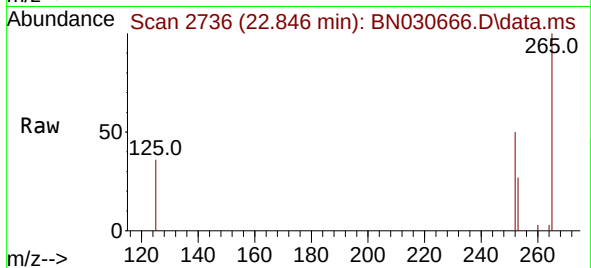
Acq: 04 Apr 2024 18:17

Instrument :

BNA_N

ClientSampleId :

RSB-02-47-040224



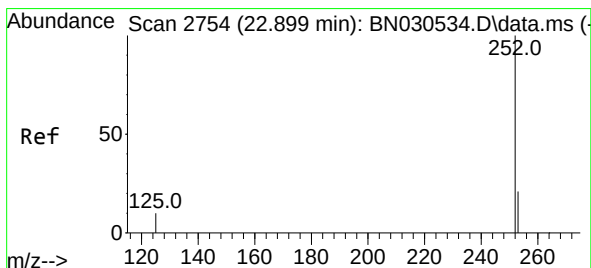
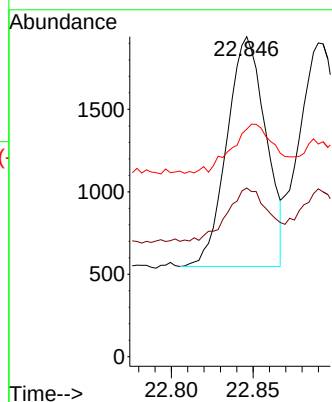
Tgt Ion:252 Resp: 2312

Ion Ratio Lower Upper

252 100

253 52.7 19.2 28.8#

125 71.1 11.7 17.5#



#38

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 22.890 min Scan# 2751

Delta R.T. -0.009 min

Lab File: BN030666.D

Acq: 04 Apr 2024 18:17

Tgt Ion:252 Resp: 2298

Ion Ratio Lower Upper

252 100

253 53.5 18.9 28.3#

125 67.8 11.5 17.3#

